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MA852 MP3 Digital Audio/Video Player  
**Instruction Manual**

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## Cautions

- Do not subject the device to severe impact or drop it from high position.
- Do not use the player in extreme hot or cold, dusty or damp field. Do not expose it to direct sunshine.
- Back up the data frequently in case of accident data loss.
- Avoid using the player in strong magnetic field.
- Keep the device away from water or other liquids. In the event that water or other liquids enter the device, power off the product immediately, and clean the device.
- Do not use chemical solution to clean the device in order to avoid corrosion. Clean it with a dry cloth.
- We are not responsible for the damages or lost data caused by malfunction, misusing, repairing the device or battery replacement.
- Do not attempt to disassemble, repair or modify the product. This will invalidate guarantee.
- The design of the player or actual display may be different from what is shown in this manual. It should be subject to the actual display or design.

## **1 Key Features**

- MP3&WMA Player
- AVI Video player
- JPEG image viewer
- Folder Navigation
- Voice Recorder
- Removable Storage Device
- Built-in rechargeable lithium-ion battery
- Customized settings

## **2 System Requirements**

- Hardware: IBM PC & Compatible PC, Notebook with USB interface
- Operating System: Windows98/SE, Windows Me, Windows2000/XP

### 3 Package Content


Please check the package for the following items. If any one of them is missing, please contact the vendor:

- Main Unit
- Stereo earphones
- USB cable
- User Manual
- Driver CD
- Earphone Jack Converter

### 4 Before Using

#### 4.1 Connect to a PC and download audio files


This player is plug & play for WIN2000/XP/ME OS. But for Windows98/SE, you are required to install a driver before connection (See “Driver Installation” section for details). To connect it with PC for transferring files,

- (1) Plug the larger end of the USB cable to the USB port of the PC, and plug the smaller end to the USB port of the player.
- (2) When the  icon appear at the right bottom of the PC screen, double click “My Computer” on the desktop, you see a removable disk which indicates the

player. Just use the removable disk as a regular local disk, copying files from or to it.

#### 4.2 Removing the player from the PC safely

For Windows2000/XP:


- (1) Left click the  icon at the right hand corner of the taskbar.
- (2) Click the pop-up mini-window with message of “Stop the USB Mass Storage Device – Drive (X)”.
- (3) When you are prompted to remove the device, pull out the player.

For Win98, please make sure the data transfer is completed before unplugging the MP3 player.

#### 4.3 Charge the battery

The device has a built-in lithium-ion rechargeable battery. It is charged via USB connection. You are required to charge it before you use it for the first time. It takes about 3 hours to fully charge the battery.

To charge the battery, connect the larger end of the USB cable to the USB interface of PC, and connect the other smaller end of the USB cable to the USB interface of this player. The device is connected to PC and being charged. If you want to know the

charge progress, disconnect the device safely by clicking the  icon. You see an animating battery icon indicating charge progress. When the icon becomes green, the battery is fully charge.

### Notice:

For maximum performance, lithium-ion batteries need to be used often. If you don't use the device often, be sure to recharge the battery at least once per month.

## 5 Keys Description

Button/port	Function
<b>M</b>	Display main menu
	go to the previous track
	Play/pause
	go to the next track
<b>VOL</b>	Adjust volume
	USB port
	On/Off button
	Headphone jack



## 6 Power On/Off

To power on,

(1) Switch on the **POWER** button.

(2) Press and hold the ►|| key until you see prompt on the display.

To power off,

(1) Press and hold the ►|| key until you see prompt on the display.

(2) Switch off the **POWER** button.

**Note:** *This player has a power-saving feature which enables the device to power off automatically if it is idle for about 3 minutes.*

## 7 Basic operation

Function	Operation
Play/Pause	Press the <b>PLAY/PAUSE</b> button to play or pause.
Adjust Volume	(1) Shortly press the <b>VOL</b> button to see a volume adjustment icon animating. (2) Press the <b>PREVIOUS/NEXT</b> button to decrease or increase volume.

	(3) Press the <b>VOL</b> button to confirm.
Move to the previous file	Shortly press the <b>PREVIOUS</b> button.
Move to the next file	Shortly press the <b>NEXT</b> button.
Fast Forward	Press and hold the <b>NEXT</b> button.
Rewind	Press and hold the <b>PREVIOUS</b> button.
Lock/unlock buttons	Hold down the <b>Play/Pause</b> and <b>VOL</b> button simultaneously.
A-B Repeat	<p>To repeat a specified section of a track,</p> <p>(1) During playing, shortly press the <b>VOL</b> button to enter A-B repeat mode.</p> <p>(2) Press the <b>MENU</b> button to select the start point.</p> <p>(3) Press the <b>MENU</b> button again to select the end point.</p> <p>To stop A-B repeat, press the <b>MENU</b> button first, and then press the <b>VOL</b> button to exit.</p>

## 8 Playing music

### 8.1 Enter the music mode

Press and hold the **MENU** button to display the main menu. Use the **PREVIOUS/NEXT**

button to select “Music” menu, and press the **MENU** button to confirm selection. Now you are in the MUSIC mode, refer music playing to the basic operations.

## 8.2 Folder navigation

To navigate through folders:

- (1) In the MUSIC mode, shortly press the **MENU** button to enter folder navigation mode.
- (2) Press the PREVIOUS/NEXT button to select a folder or track, and press the **MENU** button to confirm selection.

## 9 Playing videos

- (1) Press and hold the **MENU** button to display the main menu.
- (2) Use the **PREVIOUS/NEXT** button to select “Video” menu, and press the **MENU** button to enter the video player mode.
- (3) Press the **PREVIOUS/NEXT** button to search a video file that you want to play, and press the **MENU** button to play. For detail information about playing, see the “Basic Operation” section. (Note: During playing, you can shortly press the **MENU** button to enter folder navigation mode.)

**Note:** This player can only play AVI videos. For other formats, you need to use the converting tool included on the driver CD to convert them. For detail information about the converter, see AVI Converter Quick User Guide on the CD.

## 10 Viewing photos

To view photos,

- (1) Press and hold the **MENU** button to display the main menu.
- (2) Select “Photo” and press the **MENU** button to confirm.
- (3) Press the **PREVIOUS/NEXT** button to select a folder or image, and press the **MENU** to confirm.
- (4) Select the photo that you want to display and press the **MENU** button to enlarge it to full screen.
- (5) In the full screen mode, you can press the **PREVIOUS/NEXT** button to display the previous or the next photo. Press the **PLAY/PAUSE** to start auto slide show, or press the **MENU** button to enter folder navigation mode.

**Note:** Some images may not be displayed. Try to use an image viewer (Microsoft - Paint for example) to convert them to JPEG format.

## 11 Reading E-book

### 11.1 Reading

- (1) Press and hold the **MENU** button to display the main menu.
- (2) Select “E-book” and press the **MENU** button to confirm.
- (3) Press the **PREVIOUS/NEXT** button to select a .txt file, and press the **MENU** button to open the selected file.
- (4) Press the **PREVIOUS/NEXT** button to page up/down, or press the **PLAY/PAUSE** button to page up/down automatically (by setting the time interval between 1 and 5 in Settings/Auto Slide show/Text).
- (5) During reading, you can use the bookmark to mark the page for resuming reading later. For information about bookmark, see “Using bookmark” section.

### 11.2 Using bookmark

- (1) Go to the page that you want to mark.
- (2) Press and hold the **VOL** button to show up a “Save Bookmark” window for saving bookmark.
- (3) Press the **PREVIOUS/NEXT** button to select one line on the menu and press the **MENU** button to confirm. The bookmark is saved. It starts from the first line of current page.

- (4) To read the page that you marked, shortly press the **VOL** button to show up the “Load Bookmark” window. Select the bookmark and press the **MENU** button to confirm. You will be guided to that page.

***Note:** Some TXT file may not be read. This may because its format is not supported. Skip it or reload another file.*

## 12 Browsing all files

To browse all files stored in the player,

- (1) Press and hold the **MENU** button to display the main menu.
- (2) Select “Explorer”, and press the **MENU** button to enter the browser mode.
- (3) Press **PREVIOUS/NEXT** button to select a file that you want to view, and press the **MENU** button to play or display it.

## 13 Voice Recording

### ● Record

- (1) Press and hold the **MENU** button to display the main menu.
- (2) Select “Record”, and press the **MENU** button to enter the recorder mode.
- (3) Shortly press the **PLAY/PAUSE** button to start recording. During recording,

- you can press the **PLAY/PAUSE** button to pause/resume recording.
- (4) Shortly press the **MENU** button to stop and save recording.

- **Play recordings**

To play the recording, switch to the MUSIC mode, enter folder navigate mode, search and play the recording file.

## 14 Deleting files

To delete a file,

- (1) In the folder navigation mode, select the file that you want to delete.
- (2) Press and hold the **VOL** button until a dialogue box shows up.
- (3) Use the **PREVIOUS/NEXT** button to select “YES” and press the **MENU** button to confirm.

## 15 Customizing Settings

To customize the player settings:

- (1) On the main menu, select the “Settings” item and press the **MENU** button to enter the system settings mode.
- (2) Press the **PREVIOUS/NEXT** button to select setting item and press the **MENU** button to confirm or press the **VOL** button to cancel/return.

Music	Repeat mode	Once (Play current track once and then stop)
		Repeat One (Repeat current track)
		Folder Once (Play all audio files in the current folder and stop after playing)
		Folder Rep. (Repeat all audio files in the current folder)
		Normal (Play all audio files stored in the player and stop after playing all)
		Repeat All (Repeat all audio files stored in the player)
		Intro (Play the first 10 seconds of every



		audio file)
	Play mode	Order (Play audio files in order)
		Shuffle (Play audio files randomly)
	Preset EQ	Normal, 3D, Rock, Pop, Classical, Bass, Jazz, User EQ
	User EQ (User-defined equalizer setting)	<p>(1) Press the <b>VOL</b> button to switch EQ column.</p> <p>(2) Press the <b>PREVIOUS/NEXT</b> button to adjust value.</p> <p>(3) Repeat pressing the <b>VOL</b> button until the cursor is on the YES button, and then press the <b>MENU</b> button to confirm.</p> <p>(4) Go to the EQ Select menu, and select User EQ to enable the equalizer setting.</p>

Record	REC Quality	High Quality, General Quality
	REC Volume	+1、+2、+3、+4、+5
Auto slide show	TEXT (Set interval between the previous and the next page when the device is in auto page up/down mode.)	
	Photo (Set interval between the previous and the next slide in auto slide show mode.)	
Display	Backlight	5 seconds, 10 seconds, 15 seconds, 20 seconds, 30 seconds, Always On.
	Brightness (Set the brightness of the screen)	
	Backlight mode	Normal Power Save (Turn off the screen when there is no activity within a certain time)
System	About - Information about the product	
	Upgrade - Upgrade the firmware	
	Load Default - Restore the player to default setting	

Sleep Timer (Set the continuous playing time before the player is turned off automatically.)	Off, 10 minutes, 15 minutes, 30 minutes, 60 minutes, 120 minutes
Language	Select language in which the on-screen texts are displayed.

## 16 Troubleshooting

Problem	Possible Cause	Solution
The LCD displays nothing when the device is started.	Battery is too low.	Charge the battery.
	The keys are locked.	Unlock the Hold switch by holding down the <b>PLAY/PAUSE</b> and VOL button.
The player has no	The keys are locked by	Unlock the Hold switch by

response when the Play button is pressed to play an audio.	Hold switch	holding down the <b>PLAY/PAUSE</b> and <b>VOL</b> button.
No sound when playing an audio file.	The volume is too low.	Adjust the volume.
	Bad audio file.	Delete or skip the file.
The player cannot be connected to the PC.	The USB interface is not supported by PC's motherboard.	Update or replace the PC's motherboard.
The displayed time is changing constantly.	The bit rate of the MP3 file is changing during playback.	Try to use fixed bit rate to compress the MP3 file.
The PC has error when you plug and unplug the player.	The player is disconnected from the PC abruptly while transferring files.	Do not disconnect the player from the PC when transferring files.
Total memory	Part of memory is used	

displayed on the player is not in accordance with the marked amount.	to store programs and display characters.	
Some of MP3 files cannot be played properly.	The MP3 file is compressed by a standard, such as MPEG 1 Layer 1 or Layer 2 that the player does not support.	<ol style="list-style-type: none"> <li>1. Delete the unsupported MP3 files.</li> <li>2. Use MPEG 1 Layer 3 standard to compress the unsupported MP3 files.</li> </ol>
The video cannot be played.	The file format is not supported.	Make sure the video is in AVI format. If not, use the provided converting tool to convert it.
	The video data is corrupted	Skip it or reload another file
The photo cannot be displayed	The file format is not supported	Try to use an image editor (Microsoft - Paint for example) to convert it.

	The image resolution is beyond limitation of the device.	The device supports a maximum resolution of 3520 X 2816. Make sure resolution of the image does not exceed this limitation.
The TXT file cannot be read	The file format is not supported.	Skip it or reload another file.

## 17 Technical Specifications

Item	Specification
Capacity	128MB or above
Battery Type	Rechargeable Lithium Battery
Battery Life	Approx. 7 Hours
LCD Display	2.0-inch TFT screen
Earphone Power	5mW+5mW
Video Format	AVI (XviD)
Audio Format	MP3, WMA


Photo Format	JPEG
Image Resolution	3520 X 2816 (Max.)
Record Format	WAV (High: 16kbps/16KHz; General: 16kbps/8KHz)
Bit Rate	MP3: 8-320kbps; WMA: 32-384kbps
SNR	>90dB
USB Port	USB2.0
Operational Temperature	0°C ~ +55°C
Storage Temperature	-20°C ~ +55°C
Operational Relative Humidity *	20% ~ 90% (40°C)
Storage Relative Humidity *	20% ~ 93% (40°C)

## 18 Notice

- Make sure all keys are enabled before operation. If they are locked, hold down the **PLAY/PAUSE** and **VOL** button to unlock them.
- Please charge the battery immediately when the display indicates low battery, or the device will be powered off automatically.

- Please disconnect the player from PC properly to avoid data loss.
- The transfer rate displayed on the PC may be different depending on the operating system. Exact transfer rate should be subject to the player's indication.
- When the recorded voice file is too large, the response of the device may be slow.

## 19 Precautions

- 1). When not using the player for an extended period of time, remove the batteries to avoid damage due to leakage. (Apply to Models that come with AAA or AA battery)
- 2). Do not use the player in extremely hot, cold, dusty or damp environments.
- 3). Make sure the HOLD key is in the unlock position before using the player (otherwise controls will not function).
- 4). Avoid dropping or striking the unit .This may cause external and internal physical damage to the player.
- 5). Replace battery with new one if: (Apply to Models that come with AAA or AA battery)
  - a) The battery level icon displays  
 (An empty battery)
  - b) The players powers off automatically and off again when restarted.



- c) No response when pressing keys with HOLD off and battery installed
- 6). To prevent damage from static shock, never use the player in very dry conditions.
- 7). When player is being formatted or transferring a file, do not interrupt the connection. Otherwise, data may be corrupt or lost.
- 8). When the player is used as a portable HD, please use only per instructions. Otherwise, permanent data loss could occur.

## **20    Listening caution**

Do not play your headphones or earphones at a high volume. Hearing experts advise against continuous extended play.

If you experience a ringing in your ears, reduce volume or discontinue use.

Do not use while operating a motorized vehicle. It may create a traffic hazard and is illegal in many areas.

You should use extreme caution or temporarily discontinue use in potentially hazardous situations.

Even if your headphones or earphones are the open-air type designed to let you hear outside sounds, don't turn up the volume so high that you can't hear what's around you. Sound can be deceiving. Over time your hearing "comfort level" adapts to higher

volumes of sound. So what sounds “normal” can actually be loud and harmful to your hearing.

Guard against this by setting your equipment at a safe level BEFORE your hearing adapts.

To establish a safe level:

Start your volume control at a low setting.

Slowly increase the sound until you can hear it comfortably and clearly, and without distortion. Once you have established a comfortable sound level:

Leave it there.

## **21 FCC Caution**

This equipment has been tested and found to comply with limits for Class B digital device, pursuant to part 15 of the FCC Rules.

These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio or television reception, which can be determined by

turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

1. Reorient or relocate the receiving antenna.
2. Increase the separation between the equipment and the receiver.
3. Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
4. Consult the dealer or an experience radio/TV technician for help.

## **22 FCC Compliance**

- To assure continued compliance, following the attached installation instructions.
- Use only the provided shielded the interface cables when connecting to computer.

Any unauthorized changes or modifications to this equipment would void the user's authority to operate this device.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Industry Canada Requirement:

The Class B digital apparatus complies with Canadian ICES-003.

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